

CLAIMS

What is claimed is:

1. A system, comprising:

a service measurement database having stored therein network service measurement data relating to a network; and

a server in communication with the service measurement database, wherein the server estimates a data throughput for a device that is in communication with the network based on the network service measurement data and a parameter received from the device that is in communication with the network.

2. The system of claim 1, wherein the server includes an application server.

3. The system of claim 1, wherein the network is one of a wireless network, a wireline network, the Internet, and an intranet.

4. The system of claim 1, wherein the device includes one of a personal computer and a handheld computing device.

5. The system of claim 1, further comprising a modem in communication with the device.

6. The system of claim 5, wherein the server communicates the throughput of the network to the modem.

7. The system of claim 5, wherein the modem is configured to display an indication of the throughput of the network.
8. The system of claim 5, wherein the modem includes a display area that is configured to display an indication of the throughput of the network.
9. The system of claim 1, wherein the server is in communication with a service center.
10. The system of claim 5, wherein the modem is one of a wireless modem and a landline modem.
11. A method of communicating a relative network throughput to a user of a device, comprising:
 - receiving a first parameter from a communications device that is in communication with the computing device;
 - receiving a second parameter from a service measurement database;
 - calculating the relative network throughput based on the first and second parameters; and
 - communicating the relative network throughput to the communications device.
12. The method of claim 11, wherein receiving the first parameter includes receiving the first parameter via a network.
13. The method of claim 12, wherein receiving the first parameter via a network includes receiving the first parameter via the Internet.

14. The method of claim 11, wherein receiving a first parameter includes receiving one of a received signal strength (RSS), a signal-to-interference ration (SIR), a primary serving site, a sector, and a carrier.

15. The method of claim 11, wherein receiving a second parameter includes receiving one of an indication of total voice traffic/sector/carrier, an indication of total data traffic/sector/carrier, an indication of origination failures, and an indication of dropped calls.

16. The method of claim 11, wherein communicating the network throughput to the communications device includes communicating the network throughput to a modem.

17. The method of claim 16, further comprising displaying the network throughput on the modem.

18. The method of claim 11, wherein calculating the network throughput includes calculating a forward link relative throughput.

19. The method of claim 11, wherein calculating the network throughput includes calculating the network throughput as one of a numerical value and a range of numerical values.

20. An apparatus, comprising:

means for receiving a first parameter from a communications device that is in communication with the computing device;

means for receiving a second parameter from a service measurement database;

means for calculating a network throughput based on the first and second parameters; and

means for communicating the network throughput to the communications device.